

HSD17B13-IN-82

Chemical Properties

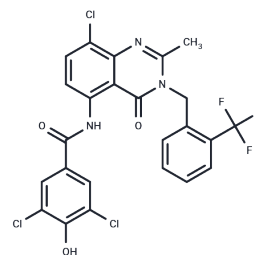
CAS No. : 2770247-47-5

Formula: C₂₄H₁₅Cl₃F₃N₃O₃

Molecular Weight: 556.75

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	HSD17B13-IN-82 (Compound 156) serves as a potent inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibiting an IC ₅₀ of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is useful in studying various liver and metabolic disorders, including NAFLD, NASH, and drug-induced liver injury (DILI), as well as cardiovascular diseases [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7961 mL	8.9807 mL	17.9614 mL
5 mM	0.3592 mL	1.7961 mL	3.5923 mL
10 mM	0.1796 mL	0.8981 mL	1.7961 mL
50 mM	0.0359 mL	0.1796 mL	0.3592 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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